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DATE: March 2003 MIP SERIES: EL11 PERIODICITY: SU-1

LOCATION:

SHIP SYSTEM:

SYSTEM:

SUB SYSTEM:

EQUIPMENT: Pramac ES5500X 5.5KW Generator Set

RATES	MAN-HOURS	RATES	MAN-HOURS	RATES	MAN-HOURS
SN	1.0				
TOTAL MAN-HOURS:	1.0	ELAPSED TIME:	1.0		

MAINTENANCE REQUIREMENT DESCRIPTION

- 1. Return Generator Set To Active Use After Long-Term Storage.

SAFETY PRECAUTIONS

- 1. Forces afloat comply with NAVOSH Program Manual for Forces Afloat, OPNAVINST 5100.19 series; shore activities comply with NAVOSH Program Manual, OPNAVINST 5100.23 series.
- 2. Diesel fuel and JP-5 vapors are combustible. When working on any part of the fuel system, ensure there is adequate ventilation and avoid high heat, open flame, and sparks. Failure to observe this warning may result in injury or death or death to personnel.

TOOLS, PARTS, MATERIALS, TEST EQUIPMENT

MATERIALS

- 1. [00294] Cloth, cleaning
- 2. [00819] Lubricating oil, general purpose, MIL-L-7870,SYM OGP Hazardous Material User's Guide (HMUG) Group 11, Disposal Method 1
- 3. [01102] Rag, wiping
- 4. [01575] Records & logs, No NSN -- W/C provide

MISCELLANEOUS

- 1. [01365] Technical manuals/drawings/forms (Pramac ES5500X 5.5KW Generator Set, NAVSEA ST460-AH-OMI-101)
- 2. [02000] MRC(s) (R-1)

NOTE: Numbers in brackets can be referenced to Standard PMS Materials Identification Guide (SPMIG) for identification.

HAZARDOUS MATERIALS CONTROL STATEMENT (U)

The Hazardous Material Users Guide (HMUG), OPNAV P-45-110-(), provides additional control measures, precautions, personal protective equipment (PPE), and spill controls for the hazardous material(s) identified in the Tools, Parts, Materials, Test, Equipment block. Maintenance personnel shall determine if additional PPE is necessary to accomplish the MRC and take appropriate action to obtain and wear such PPE to ensure the safety of maintenance personnel. Report any deficiencies via PMS feedback report.

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PROCEDURE

NOTE 1: Accomplish when returning generator set to active use after long-term storage.

NOTE 2: Statement of Relevance - Ensures generator is ready for use after a period of long-term storage.

- 1. Return Generator Set To Active Use After Long-Term Storage.
 - a. Remove generator set from storage.
 - b. Remove cover from generator set.
 - c. Using a thin coat of lightweight machine oil, lubricate decompression lever pivot point, and operate lever to work oil into pivot point.
 - d. Using a thin coat of lightweight machine oil, lubricate engine speed lever and governor lever pivot points. Operate engine speed lever to work oil into both pivot points.
 - e. Wipe away excess lubricant as necessary.

WARNING: Diesel fuel and JP-5 vapors are combustible. When working on any part of the fuel system, ensure there is adequate ventilation and avoid high heat, open flame, and sparks. Failure to observe this warning may result in injury or death or death to personnel.

- f. Unlatch tank strap assembly and set aside.
- g. Remove fuel tank from storage, inspect for leaks, and install on generator set.
- h. Place tank strap assembly over fuel tank and latch into place.
- i. Unbag and connect fuel hose quick disconnects.
- j. Open fuel shutoff valve located underneath fuel tank. Observe fuel filter for presence of fuel and check fuel system components for signs of leakage.
- k. Check level of diesel fuel, and if required, add diesel fuel in accordance with MR-3 of MRC R-1.
- l. Check level of engine lube oil. If level is low, check for leaks.
- m. Update Generator Operating Log.

DISPOSAL METHODS FOR HAZARDOUS MATERIAL/WASTE IDENTIFIED IN THE TOOLS, PARTS, MATERIAL, AND TEST EQUIPMENT BLOCK

Method 1: Containerize waste in original container or use standard container as listed in OPNAVINST 5100.19 series, Navy Occupational Safety and Health (NAVOSH) Program Manual for Forces Afloat and the Naval Ships Technical Manual (NSTM) S9086-T8-STM-010/CH-593, Pollution Control. Store in accordance with OPNAVINST 5100.19 series. Mark, label, or tag container with the specific contents and any information on the contaminants. This information must also be provided on the DD Form 1348-1 at the time of off-loading. Empty container guidance is available in the CNO Policy Guide for Shipboard Hazardous Material Container Disposal, OPNAV P-45-114-95. Contact the receiving shore activity (e.g., FISC and PWC) to determine the appropriate local off-loading requirements.